Application No. Applicant(s) Index of Claims 10/726,453 FOYGEL, DAN Examiner Art Unit Khoi H Tran 3651 (Through numeral) Cancelled Rejected Non-Elected **Appeal** N Α 0 Allowed Restricted Interference Objected Claim Date Claim Date Claim Date

| Cle             | ım Date  |          |                 |   |  |  | _            | Claim  |  |          | Date                   |          |                 |          |          |          |           | L        | Cla     | Date            |            |               |          |          |          |          |                |           |                 |                    |          |          |
|-----------------|----------|----------|-----------------|---|--|--|--------------|--|--|----------|------------------------|----------|-----------------|----------|----------|----------|-----------|----------|---------|-----------------|------------|---------------|----------|----------|----------|----------|----------------|-----------|-----------------|--------------------|----------|----------|
| Final           | Original | 1/21/05  |                 |   |  |  |              |  |  |          | Final                  | Original |                 |          |          |          |           |          |         |                 |            | Final         | Originat |          |          |          |                |           |                 |                    |          |          |
|                 | 1        | +        |                 |   |  |  |              | T  |  | 7        |                        | 51       | М               | 寸        | $\neg$   | _        | $\neg$    | $\top$   | $\top$  | $\neg \neg$     | i 1        |               | 101      | $\neg$   | $\neg$   | _        |                | $\neg$    | $\Box$          | $\vdash$           | $\dashv$ | $\dashv$ |
| <b>-</b>        | 2        | +        | H               |   | <del>                                     </del> | t  | H            | $\vdash$                                     |  | 1        |                        | 52       | H               |          | _        | $\dashv$ | $\dashv$  | +        | ╅       | +               |            | $\dashv$      | 102      | _        | -1       | $\dashv$ | -              | $\dashv$  | $\vdash$        | $\vdash$           | $\dashv$ | $\dashv$ |
|                 | 3        | +        |                 | - | $\vdash$   | $\vdash$   | $\vdash$     | ╁╴   | ╁  | _        | $\vdash$               | 53       |                 | +        | -        | -        | $\dashv$  | +        | +-      | +-1             | <b>⊢</b> ⊦ |               | 103      | ᅱ        | $\dashv$ |          |                | $\dashv$  | $\vdash$        | $\vdash$           | $\dashv$ | $\dashv$ |
| -               | 4        | +        | -               |   | -  | ┢┈   |              | ├  | ┰  | -        | $\vdash$               | 54       | $\vdash$        | -        |          | -+       | $\dashv$  | +        | +-      | +               |            |               | 104      | $\dashv$ | $\dashv$ | -        | $\dashv$       | $\dashv$  | $\vdash$        | -                  | $\dashv$ |          |
| <u> </u>        | 5        | +        |                 |   | $\vdash$   | ┢  | ├            | ├─   | ⊢┼   | -        |                        | 55       | -               | -        |          | -+       | +         | +        | +-      | +               | -          |               | 104      | $\dashv$ |          | -        |                | $\dashv$  | $\vdash$        | .—                 | $\dashv$ | -        |
| <u> </u>        | 6        | +        | -               | _ | ⊢  | ⊢  | ⊢            | ├  | $\vdash$   | $\dashv$ | -                      | 56       | Н               | -        |          | $\dashv$ | -+        | +        | +       | +               | <b> </b>   |               | 105      | -        |          | _        | _              | $\dashv$  | ┝╌┥             | -                  | -+       | $\dashv$ |
| -               | 7        |          | Н               |   | $\vdash$   | ⊢  | ⊢            | ┢  | $\vdash$   | $\dashv$ |                        | 57       | $\vdash$        |          |          | -        | -+        | +        | +       | +               | -          |               | 106      | -        | $\dashv$ | _        |                | $\dashv$  | $\vdash$        | $\rightarrow$      | $\dashv$ | 4        |
|                 | 8        | +        | -               |   | -  | ├  | ├            | ┢  | $\vdash$   | -        |                        | 58       | Н               | $\dashv$ |          | +        | -         | +        | +       | +               | <b> </b>   |               | 107      |          | $\dashv$ | _        | $\blacksquare$ | $\dashv$  | $\vdash\vdash$  |                    | $\dashv$ | 4        |
|                 | 9        | +        | Н               |   | ⊢  | $\vdash$   | $\vdash$     | ├-   | ┤┤   | -        |                        | 59       | -               | -        |          |          | +         | +-       | +       | +               |            | $\dashv$      | 108      | -        | 4        |          | $\dashv$       |           | $\vdash \vdash$ | $\rightarrow$      | -        | _        |
| -               | 10       | -        | Н               |   | ├  | ⊢  | $\vdash$     | ├  | $\vdash$   | -        | $\vdash$               |          | Н               |          |          | -        | $\dashv$  | +        | +       | +               |            | $\dashv$      | 109      |          | $\dashv$ | _        |                |           | $\dashv$        | $\vdash$           | -        | _        |
| <u> </u>        | 11       | +        | Н               |   | ┝  | H  | ⊢            | ┢  | $\vdash$   |          |                        | 60       | Н               | -        | -        |          | $\dashv$  | +        | +-      | +               | ŀ          |               | 110      | -        |          | _        |                | _         | Ш               | $\dashv$           | 4        | _        |
| -               |          | +        | Н               |   | H  | ⊢  | ├            | ⊢  |  | -        | <u> </u>               | 61       | Н               | _        | _        | -        | -         | -        | +       | +               |            |               | 111      |          | _        | _        |                |           | $\sqcup$        |                    | $\dashv$ | _        |
|                 | 12<br>13 | +        |                 |   | ┝  | <b> </b>   |              | ├  | $\vdash$   | -        | _                      | 62       | $\vdash$        | $\dashv$ | .        | -        | -         |          | +       | $\perp$         | -          |               | 112      | _        | _        |          |                | $\dashv$  | Ш               | $\dashv$           | _        | _        |
|                 |          | +        | Н               |   | _  | <u> </u>   | <u> </u>     | ⊢  | $\vdash$   | 4        |                        | 63       | $\square$       | _        | _        | 4        | _         | _        | $\perp$ | $\bot$          | ļ.         |               | 113      |          | _        | _        |                |           | Ш               | $\vdash$           |          | _        |
| <u> </u>        | 14       | +        | -               |   | <u> </u>   | <u> </u>   | <u> </u>     | ⊢  | $\vdash$   | -        |                        | 64       | Н               |          | _        |          | $\dashv$  | +        | +       | ╨               |            |               | 114      | _        |          |          |                | _         | Ш               | $\dashv$           | _        | _        |
| <u> </u>        | 15       | +        | -               |   | ┞  | ╙  | ⊢            | H  | $\vdash \vdash$                                  | 4        |                        | 65       |                 | _        |          |          | $\perp$   | _        | _       | $\bot$          |            |               | 115      |          |          |          |                |           | Ш               | $\sqcup$           | _        | _        |
| ļ               | 16       | +        | Щ               |   |  | <u> </u>   | <u> </u>     | ļ.,  | $\sqcup$   | _        |                        | 66       |                 | _        | _        | _        | _         | _        | ┸       | 4-4             | L          |               | 116      |          | $\Box$   |          |                |           | Ш               | $\perp \downarrow$ | $\perp$  | _        |
| <u></u>         | 17       | +        |                 |   | _  | L  | <u> </u>     | <u> </u>                                     | $\sqcup$   | _        |                        | 67       | Ш               |          | _        | _        | 4         |          | 1       | Ш               | L          |               | 117      |          |          |          |                |           |                 | Ш                  | $\perp$  |          |
| <u> </u>        | 18       | +        |                 | _ | <u> </u>   | <u> </u>   | <u> </u>     | L  | $\sqcup$   | _        |                        | 68       | Щ               |          |          |          |           | $\perp$  | $\perp$ | $\perp$         | L          |               | 118      |          |          |          |                |           |                 | Ш                  | $\perp$  |          |
|                 | 19       | +        | Ш               |   | _  | <u> </u>   | <u> </u>     | L  | $\sqcup$   | 4        |                        | 69       |                 | _        |          |          |           | $\perp$  | 1       | Ш               |            |               | 119      |          |          |          |                |           |                 | Ш                  |          |          |
|                 | 20       | +        |                 |   | L  | <u> </u>   | ┖            | 辶  |  | _        |                        | 70       |                 |          |          |          | $\perp$   |          | ┸       |                 | L          |               | 120      |          |          |          |                |           |                 |                    |          |          |
|                 | 21       | +        | Ш               |   |  | L  |              |  | Ш  |          |                        | 71       |                 |          |          |          |           |          |         | Ш               |            |               | 121      |          |          |          |                |           |                 |                    |          |          |
|                 | 22       | +        |                 |   | L  | L  | L            | <u> </u>                                     |  |          |                        | 72       |                 |          |          |          |           |          |         |                 |            |               | 122      |          |          |          |                | П         | П               | П                  | П        | $\neg$   |
|                 | 23       | +        |                 |   |  |  |              |  |  |          |                        | 73       |                 |          |          |          |           |          |         |                 |            |               | 123      |          |          |          |                | П         |                 | П                  | П        | $\neg$   |
| L               | 24       | +        |                 |   |  |  |              |  |  |          |                        | 74       |                 |          |          |          |           |          |         |                 |            |               | 124      |          |          |          |                |           |                 | П                  |          | $\neg$   |
|                 | 25       |          |                 |   |  | L  | L            |  |  |          |                        | 75       |                 |          |          |          | Т         |          | Т       |                 |            |               | 125      |          |          |          |                | $\Box$    |                 | $\neg$             | T        | コ        |
|                 | 26       |          |                 |   |  |  |              |  |  |          |                        | 76       |                 |          |          |          |           | T        |         | $\sqcap$        |            | T             | 126      |          |          |          |                |           |                 |                    | $\neg$   | $\neg$   |
|                 | 27       |          |                 |   |  |  |              |  |  |          |                        | 77       |                 | T        |          |          | 丁         |          |         | 11              |            |               | 127      |          |          |          |                | $\Box$    |                 |                    | ヿ        | ヿ        |
|                 | 28       |          |                 | - | Г  |  | П            |  |  | 7        |                        | 78       |                 | T        | T        | T        | $\exists$ | T        | ┪       | $\Box$          |            |               | 128      |          |          |          |                | $\neg$    | $\Box$          | $\neg$             | ヿ        | ヿ        |
|                 | 29       |          |                 |   |  | П  |              |  | П  | 7        |                        | 79       |                 |          |          |          |           |          | 1       | T               |            | 1             | 129      | _        | T        |          |                |           | $\Box$          | 7                  | 寸        | $\neg$   |
|                 | 30       | Г        |                 |   |  | Π  |              |  | П  | 7        |                        | 80       |                 |          |          |          | $\Box$    | 1        | _       | $\top$          |            |               | 130      |          |          |          |                | $\exists$ |                 | $\dashv$           | 一        | $\neg$   |
|                 | 31       |          |                 |   |  |  |              |  | Ħ  |          |                        | 81       |                 | ヿ        |          | $\neg$   | $\dashv$  | 1        | 十       | $\top$          |            |               | 131      |          |          | $\neg$   | $\neg$         | $\exists$ | $\Box$          | $\neg$             | 十        | ╡        |
|                 | 32       | T        |                 |   |  |  | T            |  | $\Box$   |          |                        | 82       |                 |          | 1        | 7        | $\dashv$  | _        | $\top$  | $\top$          |            |               | 132      |          | $\neg$   |          |                | $\neg$    | $\Box$          | $\vdash$           | 十        | $\dashv$ |
|                 | 33       |          |                 |   |  |  | _            | T  | $\Box$   | 7        |                        | 83       | П               | 寸        |          |          | $\neg$    | 十        | +       | $\dashv \dashv$ | <b> </b>   | 1             | 133      | $\neg$   | 1        |          |                | $\neg$    |                 |                    | $\dashv$ | $\dashv$ |
|                 | 34       | Г        |                 |   |  | Г  | Г            |  | $\Box$   |          |                        | 84       |                 | $\neg$   |          |          | $\top$    | -        | 十       | $\top$          | <b> </b>   |               | 134      |          | $\dashv$ | $\neg$   | -              | $\dashv$  |                 | -+                 | $\dashv$ | $\dashv$ |
|                 | 35       |          | П               |   |  |  |              | T  | $\Box$   | 7        |                        | 85       |                 | 1        | 7        | 寸        | 十         | +        | $\top$  | $\top$          |            |               | 135      | _        | $\dashv$ | $\neg$   |                | -         | $\Box$          | -                  | 十        | $\dashv$ |
|                 | 36       |          | П               |   |  |  |              |  | $\vdash$   | ヿ        | $\vdash$               | 86       | H               |          | 1        | $\dashv$ | 十         | +        | +       | +               |            | $\dashv$      | 136      |          | $\dashv$ |          | $\dashv$       |           | $\dashv$        | $\dashv$           | $\dashv$ | $\dashv$ |
|                 | 37       | T        | Н               |   |  | T  |              |  |  | $\dashv$ | $\vdash$               | 87       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | _         | $\dashv$ | +       | +               |            |               | 137      | $\dashv$ |          | $\neg$   | -              | $\dashv$  | $\dashv$        | $\dashv$           | $\dashv$ | $\dashv$ |
|                 | 38       |          | Н               | _ | $\vdash$   | $\vdash$   |              | $\vdash$                                     | <del>                                     </del> | -        | $\vdash$               | 88       |                 | $\dashv$ | -        | $\dashv$ | 十         | +        | +       | +               |            | $\overline{}$ | 138      |          | $\dashv$ |          |                | $\dashv$  | $\dashv$        | $\dashv$           | $\dashv$ | $\dashv$ |
|                 | 39       |          | Н               |   |  | t  | t            | H  |  | $\dashv$ | $\vdash$               | 89       | $\vdash$        | $\dashv$ | +        | $\dashv$ | $\dashv$  | +        | +       | ╁┤              |            |               | 139      | $\dashv$ | $\vdash$ |          | -              |           |                 | $\dashv$           | $\dashv$ | $\dashv$ |
|                 | 40       |          | Н               |   | _  | t  | $\vdash$     | H  | $\vdash$   | $\dashv$ | $\vdash$               | 90       | Н               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | +        | +       | +               | }          |               | 140      | -        |          | $\dashv$ | $\dashv$       | $\dashv$  | -1              | $\dashv$           | $\dashv$ | $\dashv$ |
| $\vdash$        | 41       | -        | Н               |   | $\vdash$   | $\vdash$   | -            | <del> </del>                                 | $\vdash$   | $\dashv$ | $\vdash \vdash$        | 91       | $\vdash$        | -        | $\dashv$ | $\dashv$ | $\dashv$  | +-       | +       | ┼┤              | }          | -+            | 141      | $\dashv$ | $\dashv$ | -        | $\dashv$       | $\dashv$  | $\vdash$        |                    | +        | $\dashv$ |
|                 | 42       | $\vdash$ | Н               |   | $\vdash$   | $\vdash$   | $\vdash$     | <del> </del>                                 | $\vdash$   | $\dashv$ | $\vdash \dashv$        | 92       | H               | $\dashv$ | $\dashv$ | $\dashv$ |           | +        | +       | ╁┤              | }          | -+            | 142      |          | $\vdash$ |          | -              | $\dashv$  | $\vdash$        | $\dashv$           | $\dashv$ | $\dashv$ |
| <b>—</b>        | 43       | $\vdash$ | Н               |   | $\vdash$   | <del>                                     </del> | $\vdash$     | $\vdash$                                     |  | $\dashv$ | $\vdash$               | 93       | $\vdash$        | -        | $\dashv$ | -        | $\dashv$  | -        | +       | +               | }          |               | 143      | -        |          | $\dashv$ | _              |           | $\vdash$        | $\dashv$           | -+       | _        |
|                 | 44       | ╁╾       | H               | _ | -  | $\vdash$   | -            | $\vdash$                                     | ╁  | $\dashv$ | $\vdash \dashv$        | 94       | $\vdash \vdash$ | $\dashv$ | -        | $\dashv$ | $\dashv$  | +        | +       | +               | : H        |               | 144      |          | $\vdash$ | -        | -              | 4         | $\dashv$        | $\dashv$           | $\dashv$ | $\dashv$ |
| <u> </u>        | 45       | ├        | Н               |   | $\vdash$   | $\vdash$   | ├-           | ⊢  | $\vdash$   | $\dashv$ | $\vdash \vdash \vdash$ | 95       | $\vdash$        | $\dashv$ | $\dashv$ |          | -+        | +        | +       | +- $-$          | . }        |               |          |          | $\dashv$ | -        |                | _         | $\vdash$        | $\dashv$           | $\dashv$ | $\dashv$ |
| $\vdash$        | 46       | ├        | Н               | _ |  | $\vdash$   | ├            | ⊢  | $\vdash$   | -        | $\vdash \dashv$        |          | $\vdash \vdash$ | -        |          | -        | -+        | +        | +       | +               | ·          |               | 145      |          | $\vdash$ | _        | _              |           |                 |                    | 4        |          |
| $\vdash$        | 47       | $\vdash$ |                 |   | ┝  | ├  | -            | -  | $\vdash$   | $\dashv$ | $\vdash$               | 96<br>97 | $\vdash \dashv$ |          | -        | $\dashv$ | +         | +        | +       | +               | ŀ          |               | 146      | _        | -        | _        | _              | _         |                 | $\dashv$           | _        | _        |
| $\vdash \vdash$ | 48       | $\vdash$ | $\vdash$        | _ | $\vdash$   | <del> </del>                                     | <del> </del> | -  | $\vdash$   | $\dashv$ | $\vdash$               |          | $\vdash \vdash$ |          |          | $\dashv$ | +         | +        |         | +               | -          |               | 147      |          | _        | _        |                |           |                 |                    | _        | _        |
| $\vdash$        |          | _        | $\vdash$        |   |  | <u> </u>   | $\vdash$     | ⊢  | <del>├</del>                                     | 4        | $\vdash \vdash$        | 98       | $\square$       | 4        | _        | $\dashv$ | 4         | +        | 4-      | $\dashv$        |            |               | 148      | $\Box$   |          |          | ļ              |           | $\sqcup$        |                    |          |          |
| $\vdash$        | 49       | ├—       | $\vdash \vdash$ |   | $\vdash$   | <u> </u>   | -            | <u> </u>                                     | $\vdash \vdash$                                  | $\dashv$ | $\vdash \vdash$        | 99       | $\square$       | 4        | 4        | 4        | -+        | +        | $\bot$  | +               | 1          |               | 149      |          | $\Box$   |          |                | _         | ot              | $\dashv$           |          |          |
|                 | 50       | Ц_       |                 |   |  | L  |              | <u>.                                    </u> |  |          | ᆫᆜ                     | 100      | ╙               |          |          |          | 1_        | $\perp$  |         | $\perp$         | L          |               | 150      |          |          | _        |                |           |                 |                    |          |          |